AUTODOC CLUB

How to change lambda sensor on **AUDI A4 Avant (8E5, B6)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI A4 Avant (8E5, B6) 2.0, AUDI A4 Avant (8E5, B6) 1.8 T, AUDI A4 Avant (8E5, B6) 3.0, AUDI A4 Avant (8E5, B6) 2.4, AUDI A4 Avant (8E5, B6) 1.8 T quattro, AUDI A4 Avant (8E5, B6) 3.0 quattro, AUDI A4 Avant (8E5, B6) 2.0 FSI, AUDI A4 Avant (8E5, B6) S4 quattro

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The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: SEAT Leon Hatchback (1M1) 1.8 20V

REPLACEMENT: LAMBDA SENSOR – AUDI A4 AVANT (8E5, B6). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Electronic spray
- High-temperature ceramic grease
- Torque wrench
- Drive socket # 10
- 22-mm oxygen sensor socket
- Thread tap
- Ratchet wrench

Buy tools

Replacement: lambda sensor – AUDI A4 Avant (8E5, B6). AUTODOC experts recommend:

- After replacing the oxygen sensor, clear the trouble code from the electronic control unit and let the ECU adapt itself to the new sensor.
- Before getting down to work, start the engine and let it warm up to operating temperature.
- Please note: all work on the car – AUDI A4 Avant (8E5, B6) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Lift the car using a jack or place it over an inspection pit.

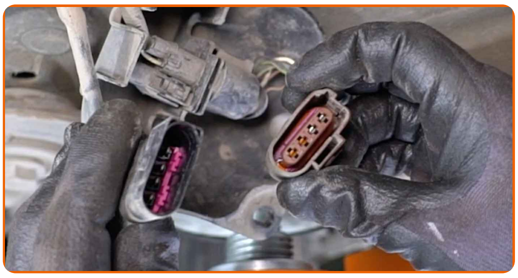
2 Unscrew the fasteners of the oxygen sensor housing cover. Use a drive socket #10. Use a ratchet wrench.



3 Remove the oxygen sensor housing cover.



4 Detach the oxygen sensor connector.



5 Disconnect the oxygen sensor wiring.



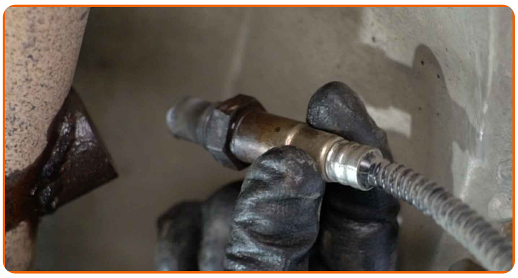
6 Clean the oxygen sensor fastener. Use a wire brush. Use WD-40 spray.



7 Unscrew the oxygen sensor fastener. Use a 22-mm oxygen sensor socket. Use a ratchet wrench.



8 Remove the oxygen sensor.

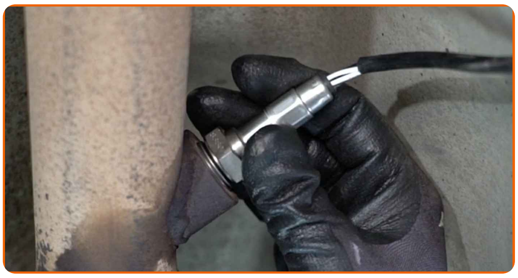


9 Clean the thread to prepare it for installing a new oxygen sensor. Use a thread tap. Use a ratchet wrench.



10 Treat the oxygen sensor. Use high-temperature ceramic grease.

11 Install the new oxygen sensor.



12 Tighten the oxygen sensor fastener. Use a 22-mm oxygen sensor socket. Use a torque wrench. Tighten it to 46 Nm torque.



13 Treat the oxygen sensor connector. Use dielectric grease.



14 Attach the oxygen sensor connector.



15 Install the oxygen sensor housing cover.



16 Connect the oxygen sensor wiring.



17 Screw in the fasteners of the oxygen sensor housing cover. Use a drive socket #10. Use a ratchet wrench.



18 Lower the car.

WELL DONE!

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